

**Practice: 393 - Filter Strip****Scenario: #1 - Filter Strip, Native species: Forgone Income****Scenario Description:**

A strip or area of native herbaceous vegetation situated between cropland, grazing land or disturbed land and sensitive areas. Practice includes seedbed prep and planting of native species. The area of the filter strip is taken out of production.

**Before Situation:**

Annual cropland, grazing land, or disturbed land (including forestland) allows for runoff of suspended solids, dissolved and/or associated contaminants into environmentally-sensitive areas such as wetlands, riparian zones, critical habitat and neighboring non-ag properties. Water Quality resource concerns are associated with this practice.

**After Situation:**

The planned filter strip will be established and maintained per the practice plan that will meet the criteria for the planned purpose(s). The vegetation will consist of native species. The filter strip will have adequate width to filter the planned pollutants. The practice includes seedbed preparation, seeding, and operation and maintenance to maintain the vegetation and the function of the filter strip. Species selected shall be able to withstand partial burial by sediment and tolerant of herbicides used on contribution area while protecting environmentally-sensitive areas. The area of the filter strip is taken out of production.

**Scenario Feature Measure:** number of acres

**Scenario Unit:** Acre

**Scenario Typical Size:** 1

**Scenario Cost:** \$70.93

**Scenario Cost/Unit:** \$70.93

**Cost Details (by category):**

| Component Name                                   | ID   | Component Description   | Unit | Price (\$/unit) | Quantity | Cost    |
|--|------|---|------|-----------------|----------|---------|
| <b>Materials</b>                                 |      |   |      |                 |          |         |
| One Species, Warm Season, Native Perennial Grass | 2322 | Native, warm season perennial grass. Includes material and shipping only. | Acre | \$70.93         | 1        | \$70.93 |

**Practice: 393 - Filter Strip****Scenario: #3 - 393-Filter Strip, Organic Seed, Inc Forgone****Scenario Description:**

A strip or area of introduced herbaceous vegetation situated between cropland, grazing land or disturbed land and sensitive areas. Practice includes seedbed prep and planting of introduced species. The area of the filter strip is taken out of production.

**Before Situation:**

Annual cropland, grazing land, or disturbed land (including forestland) allows for runoff of suspended solids, dissolved and/or associated contaminants into environmentally-sensitive areas such as wetlands, riparian zones, critical habitat and neighboring non-ag properties. Water Quality resource concerns are associated with this practice.

**After Situation:**

The planned filter strip will be established and maintained per the practice plan that will meet the criteria for the planned purpose(s). The vegetation will consist of introduced species. The filter strip will have adequate width to filter the planned pollutants. The practice includes seedbed preparation, seeding, and operation and maintenance to maintain the vegetation and the function of the filter strip. Species selected shall be able to withstand partial burial by sediment and tolerant of herbicides used on contribution area while protecting environmentally-sensitive areas. The area of the filter strip is taken out of production.

**Scenario Feature Measure:** Number of acres

**Scenario Unit:** Acre

**Scenario Typical Size:** 1

**Scenario Cost:** \$489.22

**Scenario Cost/Unit:** \$489.22

**Cost Details (by category):**

| Component Name   | ID   | Component Description   | Unit  | Price (\$/unit) | Quantity | Cost     |
|--|------|---|-------|-----------------|----------|----------|
| <b>Equipment/Installation</b>  |      |   |       |                 |          |          |
| Seeding Operation, No Till/Grass Drill   | 960  | No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.                                     | Acre  | \$19.75         | 1        | \$19.75  |
| <b>Foregone Income</b>   |      |   |       |                 |          |          |
| FI, Wheat Dryland  | 1963 | Dryland Wheat is Primary Crop   | Acre  | \$157.48        | 1        | \$157.48 |
| <b>Materials</b>   |      |   |       |                 |          |          |
| Potassium, K2O   | 74   | K2O supplied by Muriate Of Potash. Price is not per pound of total product applied, no conversion is needed.                  | Pound | \$0.59          | 30       | \$17.70  |
| Phosphorus, P2O5   | 73   | Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed. | Pound | \$0.78          | 30       | \$23.40  |
| Nitrogen (N), Urea   | 71   | Price per pound of N supplied by Urea. Price is not per pound of total product applied, no conversion is needed.              | Pound | \$0.64          | 15       | \$9.60   |
| Native Grass and Forb Mix, for Wildlife (including pollinators) or Ecosystem Restoration | 2335 | Native grass and forb/legume mix, including specialized species. Includes material and shipping only.                         | Acre  | \$261.29        | 1        | \$261.29 |